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FIBER ORGANON

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Highlights

- Worldwide Natural Fiber Survey...begins on page 287.
- November 1991 Capacity Survey Analysis...begins on page 293.
- Quarterly Manufactured Fiber Data...begins on page 298.

SHIPMENTS:

In November, total manufactured fiber shipments reached 711 million pounds, 15% below the 837 million pounds shipped in October and 3% below the 733 million pounds shipped in November 1990.

November shipments of synthetic (noncellulosic) filament yarn fell 13% to 344 million pounds and staple+tow fell 17% to 330 million pounds.

Contributing to the decrease in shipments over the previous month were nylon staple+tow down 23% or 19 million pounds, nylon carpet yarn down 22% or 20 million pounds and acrylic+modacrylic staple+tow down 9 million pounds or 19%.

Year-to-date domestic shipments of manufactured fiber are down 1% and exports are down 3%.

TABLE 1:
TOTAL U.S. MANUFACTURED FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1991 NOV	1991 OCT	% CHG 11/91-10/91	1990 NOV	% CHG 11/91-11/90	YEAR TO DATE 1991	YEAR TO DATE 1990	% CHG YTD 1991-1990
ARTIFICIAL (CELLULOSIC)								
YARN	16.0	19.4	*-17.5*	15.3	*+4.6*	192.9	188.9	*+2.1*
RAYON STAPLE	20.7	23.2	*-10.8*	22.3	*-7.2*	243.3	283.5	*-14.2*
TOTAL ARTIFICIAL (CELL.)	**36.7**	**42.6**	***-13.8***	**37.6**	***-2.4***	**436.2**	**472.4**	***-7.7***
SYNTHETIC (NONCELL.)								
YARN+MONOFILAMENT								
NYLON - INDUSTRIAL	23.6	27.9	*-15.4*	30.0	*-21.3*	290.8	314.9	*-7.7*
- CARPET	70.8	91.0	*-22.2*	83.8	*-15.5*	864.5	902.0	*-4.2*
- TEXTILE [a]	31.3	36.2	*-13.5*	32.3	*-3.1*	352.2	339.2	*+3.8*
POLYESTER - INDUSTRIAL	28.3	32.4	*-12.7*	30.0	*-5.7*	308.8	329.1	*-6.2*
- TEXTILE [a]	71.6	82.9	*-13.6*	66.5	*+7.7*	789.8	697.3	*+13.3*
OLEFIN	118.7	126.4	*-6.1*	119.1	*-0.3*	1290.2	1318.2	*-2.1*
TOTAL YARN	**344.3**	**396.8**	***-13.2***	**361.7**	***-4.8***	**3896.3**	**3900.7**	***-0.1***
STAPLE+TOW+FIBERFILL								
NYLON	62.5	81.5	*-23.3*	80.9	*-22.7*	796.4	911.1	*-12.6*
ACRYLIC+MODACRYLIC	36.5	45.0	*-18.9*	39.5	*-7.6*	412.1	455.6	*-9.5*
POLYESTER	189.4	227.0	*-16.6*	180.0	*+5.2*	2038.1	1944.1	*+4.8*
OLEFIN	41.9	44.5	*-5.8*	33.5	*+25.1*	423.9	379.6	*+11.7*
TOTAL STAPLE	**330.3**	**398.0**	***-17.0***	**333.9**	***-1.1***	**3670.5**	**3690.4**	***-0.5***
TOTAL SYNTHETIC (NONCELL.)	**674.6**	**794.8**	***-15.1***	**695.6**	***-3.0***	**7566.8**	**7591.1**	***-0.3***
TOTAL MANUFACTURED FIBER	**711.3**	**837.4**	***-15.1***	**733.2**	***-3.0***	**8003.0**	**8063.5**	***-0.8***
TOTAL SHIPMENTS DIVIDED AS -								
DOMESTIC SHIPMENTS [b]	671.1	788.1	*-14.8*	675.5	*-0.7*	7529.2	7574.7	*-0.6*
EXPORTS [c]	40.2	49.3	*-18.5*	57.7	*-30.3*	473.8	488.8	*-3.1*

a. Includes low denier industrial yarn.
b. Includes olefin exports.
c. Excludes olefin exports.

December 1991

Fiber Organon

A Monthly Review

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FIBER ECONOMICS BUREAU, INC.

Rosemarie D. Frick
President & Editor

Kim Costa
Assistant Editor

Publishing Headquarters:
Fiber Economics Bureau, Inc.
101 Eisenhower Parkway
Roseland, NJ 07068
U.S.A.
Telephone: (201) 228-1107
Facsimile: (201) 228-7598

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WORLDWIDE NATURAL FIBER SURVEY

For the season beginning August 1, 1990, worldwide production of raw cotton increased to 87 million bales, representing an increase of 9% from the 80 million bales produced in 1989. The two largest producers, the People's Republic of China and the United States, each had a significant increase and together account for 22% of the worldwide increase in production. During the 1990 season, worldwide production at 87 million bales exceeded consumption by 1 million bales, increasing carryover to the 1991 season.

Cotton production in the United States increased 27% during the 1990 season to reach 16 million bales. At that level, consumption and exports exceeded production by one million bales, increasing the carryover of raw cotton.

In 1990, worldwide production of raw wool (greasy basis) decreased 1% from the 1989 level to reach 7,372 million pounds. Australia with 33% of world wool production decreased output by 24 million pounds. The remaining major wool producing nations, which grow over half the world's supply, decreased output 42 million pounds. The other portion of the increase or 26 million pounds came from the "other" nations that account for only 17% of world production.

Raw wool production in the United States remained unchanged during the 1990 season at 90 million pounds.

TABLE 2:
WORLDWIDE PRODUCTION, CONSUMPTION, EXPORT & CARRYOVER OF RAW COTTON
MILLION BALES [a] & *PERCENT*

SEASON	PRODUCTION [b]						CONSUMPTION [c]						EXPORT [d]						CARRYOVER [e]					
BEGINNING	TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN	
AUGUST 1	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954 f	38.4	*100*	14.0	*36*	24.4	*64*	37.2	*100*	9.3	*25*	27.9	*75*	12.4	*100*	4.0	*32*	8.4	*68*	17.0	*100*	5.4	*32*	11.6	*68*
1955-1959 f	43.9	*100*	12.9	*29*	31.0	*71*	44.2	*100*	8.7	*20*	35.5	*80*	14.7	*100*	5.1	*35*	9.6	*65*	22.7	*100*	10.9	*48*	11.8	*52*
1960-1964 f	48.7	*100*	14.9	*31*	33.8	*69*	47.4	*100*	8.7	*18*	38.7	*82*	16.6	*100*	5.0	*30*	11.6	*70*	21.7	*100*	9.3	*43*	12.4	*57*
1965-1969 f	52.3	*100*	10.6	*20*	41.7	*80*	54.0	*100*	8.9	*16*	45.1	*84*	17.4	*100*	3.6	*21*	13.8	*79*	26.7	*100*	11.3	*42*	15.4	*58*
1970-1974 f	60.9	*100*	11.8	*19*	49.1	*81*	58.8	*100*	7.5	*13*	51.3	*87*	20.0	*100*	4.5	*23*	15.5	*77*	23.0	*100*	4.3	*19*	18.7	*81*
1975-1979 f	59.7	*100*	11.8	*20*	47.9	*80*	62.1	*100*	6.7	*11*	55.4	*89*	19.8	*100*	5.8	*29*	14.0	*71*	26.5	*100*	4.3	*16*	22.2	*84*
1980-1984 f	70.8	*100*	11.9	*17*	58.9	*83*	66.7	*100*	5.6	*8*	61.1	*92*	20.0	*100*	6.1	*31*	13.9	*70*	28.4	*100*	3.8	*13*	24.6	*87*
1985-1989 f	79.1	*100*	13.1	*17*	66.0	*83*	83.1	*100*	7.6	*9*	75.5	*91*	24.0	*100*	5.8	*24*	18.2	*76*	36.9	*100*	6.0	*16*	30.9	*84*
1980	63.7	*100*	11.1	*17*	52.6	*83*	65.3	*100*	5.9	*9*	59.4	*91*	19.9	*100*	5.9	*30*	14.0	*70*	22.9	*100*	3.0	*13*	19.9	*87*
1981	69.1	*100*	15.6	*23*	53.5	*77*	65.1	*100*	5.3	*8*	59.8	*92*	21.0	*100*	6.6	*31*	14.4	*69*	21.1	*100*	2.7	*13*	18.4	*87*
1982	66.4	*100*	12.0	*18*	54.4	*82*	66.5	*100*	5.5	*8*	61.0	*92*	18.6	*100*	5.2	*28*	13.4	*72*	24.3	*100*	6.6	*27*	17.7	*73*
1983	66.6	*100*	7.8	*12*	58.8	*88*	67.4	*100*	5.9	*9*	61.5	*91*	19.7	*100*	6.8	*35*	12.9	*65*	27.6	*100*	2.8	*10*	24.8	*90*
1984	88.4	*100*	13.0	*15*	75.4	*85*	69.4	*100*	5.5	*8*	63.9	*92*	20.8	*100*	6.2	*30*	14.6	*70*	46.3	*100*	4.1	*9*	42.2	*91*
1985	79.9	*100*	13.4	*17*	66.5	*83*	76.1	*100*	6.4	*8*	69.7	*92*	20.4	*100*	2.0	*10*	18.4	*90*	51.5	*100*	9.3	*18*	42.2	*82*
1986	70.1	*100*	9.7	*14*	60.4	*86*	83.8	*100*	7.5	*9*	76.3	*91*	26.3	*100*	6.7	*25*	19.6	*75*	37.0	*100*	5.0	*14*	32.0	*86*
1987	81.1	*100*	14.8	*18*	66.3	*82*	83.5	*100*	7.6	*9*	75.9	*91*	23.3	*100*	6.6	*28*	16.7	*72*	34.8	*100*	5.8	*17*	29.0	*83*
1988	84.3	*100*	15.4	*18*	68.9	*82*	85.4	*100*	7.8	*9*	77.6	*91*	26.2	*100*	6.1	*23*	20.1	*77*	33.5	*100*	7.1	*21*	26.4	*79*
1989	79.9	*100*	12.2	*15*	67.7	*85*	86.6	*100*	8.8	*10*	77.8	*90*	24.0	*100*	7.7	*32*	16.3	*68*	27.9	*100*	3.0	*11*	24.9	*89*
1990 g	86.9	*100*	15.5	*18*	71.4	*82*	86.4	*100*	8.5	*10*	77.9	*90*	23.8	*100*	7.9	*33*	15.9	*67*	28.6	*100*	2.2	*8*	26.4	*92*
1991 g	91.6	*100*	16.2	*18*	75.4	*82*	88.4	*100*	8.5	*10*	79.9	*90*	22.4	*100*	7.0	*31*	15.4	*69*	31.9	*100*	3.0	*9*	28.9	*91*

SOURCE: International Cotton Advisory Committee, ***Cotton: World Statistics,*** Vol. 45 No. 1, October 1991.

For earlier years' data, see the October 1960 and 1969 ***Textile Organon*** issues, pages 167 & 176.

a. As 480-pound bales.

b. Refers to actual ginnings or pressings during the August-July crop year. In some countries, estimates of household consumption are included in production estimates. U.S. production also includes city crop. Note the U.S. production shown in the table on page 290 includes only the ginnings until the 1982 crop year.

c. Includes raw cotton consumed in spinning mills and other factories plus estimates of household consumption.

d. Means the export of domestically produced cotton.

e. Includes mill stocks, port stocks and stocks in transit, etc. U.S.A. means the carryover of U.S. cotton in the world regardless of where located; FOREIGN means the carryover of foreign cotton in the world regardless of where located.

f. Five-year averages.

g. The 1990 & 1991 data are preliminary or estimated.

TABLE 3:
WORLDWIDE RAW COTTON PRODUCTION BY PRODUCING COUNTRIES
THOUSAND BALES & *PERCENT* [a]

SEASON BEGINNING	WORLD TOTAL		NORTH & SOUTH AMERICA												CHINA PRC & E. EUROPE					
			BRAZIL		MEXICO		U.S.A.		OTHER N.A.[b]		OTHER S.A.[c]		TOTAL		CHINA[d]		U.S.S.R.[e]		TOTAL	
AUGUST 1	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	38403	100	1666	4.2	1340	3.5	14046	36.6	179	0.5	1170	3.0	18401	47.8	4480	11.7	5951	15.5	10431	27.2
1955-1959	43898	100	1490	3.6	2049	4.7	12945	29.5	423	1.0	1321	3.0	18228	41.8	7260	16.5	6937	15.8	14197	32.3
1960-1964	48651	100	2218	4.7	2189	4.5	14861	30.5	930	1.9	1637	3.4	21835	45.0	5277	10.8	7536	15.5	12813	26.3
1965-1969	52295	100	2668	5.1	2202	4.2	10573	20.2	1044	2.0	1558	3.0	18045	34.5	8218	15.7	9253	17.7	17471	33.4
1970-1974	60905	100	2745	4.6	1726	2.8	11777	19.3	1274	2.1	1652	3.0	19374	31.8	10448	17.2	11311	18.6	21759	35.8
1975-1979	59711	100	2364	4.2	1328	2.2	11751	19.7	1458	2.4	2208	3.7	19109	32.2	10033	16.8	11947	20.0	21980	36.8
1980-1984	70825	100	3327	4.8	1210	1.7	11897	16.8	906	1.3	2007	2.8	19347	27.4	18592	26.3	11209	15.8	29801	42.1
1985-1989	79058	100	3367	4.2	972	1.2	13106	16.6	451	0.6	2824	3.6	20720	26.2	18272	23.1	12296	15.6	30568	38.7
1980	63741	100	2862	4.6	1620	2.5	11122	17.4	1189	1.9	2001	3.1	18794	29.5	12429	19.5	12302	19.3	24731	38.8
1981	69125	100	2941	4.4	1440	2.1	15646	22.6	911	1.3	2076	3.0	23014	33.4	13779	19.9	11309	16.4	25088	36.3
1982	66436	100	2976	4.4	840	1.3	11963	18.0	805	1.2	1329	2.0	17913	26.9	16695	25.1	10427	15.7	27122	40.8
1983	66460	100	3423	5.0	1038	1.6	7771	11.7	850	1.3	1962	3.0	15044	22.6	21317	32.1	10028	15.1	31345	47.2
1984	88364	100	4431	4.8	1110	1.3	12982	14.7	775	0.9	2668	3.0	21966	24.7	28740	32.5	11977	13.6	40717	46.1
1985	79863	100	3644	4.6	1010	1.3	13432	16.8	583	0.7	2249	2.8	20918	26.2	19066	23.9	12823	16.1	31889	40.0
1986	70107	100	2909	4.2	638	0.9	9731	13.9	443	0.6	1870	2.7	15591	22.3	16281	23.2	12260	17.5	28541	40.7
1987	81140	100	3968	4.8	1025	1.3	14760	18.2	465	0.6	3443	4.2	23661	29.1	19520	24.1	11386	14.0	30906	38.1
1988	84288	100	3257	3.8	1417	1.7	15412	18.3	396	0.5	3137	3.7	23619	28.0	19076	22.6	12744	15.1	31820	37.7
1989	79892	100	3058	3.6	769	1.0	12196	15.3	369	0.5	3420	4.3	19812	24.7	17418	21.8	12268	15.4	29686	37.2
1990 f	86935	100	3156	3.7	806	0.9	15499	17.8	369	0.4	3591	4.1	23421	26.9	20734	23.9	12141	14.0	32875	37.9
1991 f	91593	100	3657	3.9	1025	1.1	16200	17.7	401	0.4	3996	4.4	25279	27.5	22720	24.8	11741	12.8	34461	37.6

SEASON BEGINNING	WEST EUROPE TOTAL[g]		ASIA & OCEANIA										AFRICA							
			INDIA		PAKISTAN		TURKEY		OTHER[h]		TOTAL		EGYPT		SUDAN		OTHER[i]		TOTAL	
AUGUST 1	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	230	0.6	3432	8.9	1330	3.5	642	1.7	727	1.9	6131	16.0	1713	4.5	387	1.0	1110	2.9	3210	8.4
1955-1959	525	1.2	4012	9.1	1381	3.1	763	1.7	1114	2.5	7270	16.4	1815	4.1	499	1.1	1364	3.1	3678	8.3
1960-1964	828	1.7	4769	9.8	1663	3.4	1118	2.3	1467	3.0	9017	18.5	2043	4.2	690	1.4	1425	2.9	4158	8.5
1965-1969	761	1.5	4850	9.3	2268	4.3	1787	3.4	1791	3.4	10696	20.4	2196	4.2	942	1.8	2184	4.2	5322	10.2
1970-1974	791	1.3	5410	8.9	2993	4.9	2379	3.9	2311	3.8	13093	21.5	2259	3.7	1051	1.7	2578	4.2	5888	9.6
1975-1979	789	1.3	5700	9.5	2536	4.2	2291	3.8	2288	3.8	12815	21.3	1928	3.2	660	1.1	2430	4.1	5018	8.4
1980-1984	823	1.2	6756	9.5	3480	4.9	2369	3.3	2772	3.9	15377	21.6	2101	3.0	814	1.1	2563	3.6	5478	7.7
1985-1989	1336	1.7	8458	10.7	6322	8.0	2608	3.3	3116	3.9	20505	25.9	1643	2.1	648	0.8	3638	4.6	5929	7.5
1980	821	1.3	6256	9.8	3281	5.1	2297	3.6	2271	3.6	14105	22.1	2428	3.8	446	0.7	2416	3.8	5290	8.3
1981	878	1.3	6559	9.5	3435	5.0	2242	3.2	2729	3.9	14965	21.6	2293	3.3	712	1.0	2175	3.1	5180	7.4
1982	715	1.1	6481	9.8	3783	5.7	2246	3.4	2711	4.1	15221	23.0	2115	3.2	959	1.4	2391	3.6	5465	8.2
1983	774	1.2	6122	9.2	2271	3.4	2398	3.6	2908	4.4	13699	20.6	1838	2.8	1021	1.5	2739	4.1	5598	8.4
1984	929	1.1	8360	9.5	4630	5.2	2664	3.0	3240	3.7	18894	21.4	1833	2.1	933	1.1	3092	3.5	5858	6.7
1985	1067	1.3	9021	11.3	5586	7.0	2379	3.0	3369	4.2	20355	25.5	1999	2.5	651	0.8	2984	3.7	5634	7.0
1986	1339	1.9	7254	10.3	6059	8.6	2376	3.4	2786	4.0	18475	26.3	1850	2.6	748	1.1	3563	5.1	6161	8.8
1987	1178	1.5	7140	8.8	6741	8.3	2465	3.0	2916	3.6	19262	23.7	1615	2.0	622	0.8	3896	4.8	6133	7.6
1988	1587	1.9	8276	9.8	6547	7.8	2986	3.5	3214	3.8	21023	24.9	1426	1.7	637	0.8	4176	5.0	6239	7.5
1989	1507	1.9	10599	13.3	6679	8.4	2834	3.5	3296	4.1	23408	29.3	1324	1.7	584	0.7	3571	4.5	5479	6.9
1990 f	1362	1.6	8979	10.3	7513	8.6	3031	3.5	4013	4.6	23536	27.0	1359	1.6	379	0.4	4003	4.6	5741	6.6
1991 f	1272	1.4	10425	11.4	7655	8.4	2711	3.0	3852	4.2	24643	27.0	1268	1.4	303	0.3	4367	4.8	5938	6.5

SOURCE: International Cotton Advisory Committee, ***Cotton: World Statistics***, Vol. 45, No. 1, October 1991.

a. Bales expressed as 480 pound net weight.
b. Baleages are principally from El Salvador, Guatemala & Nicaragua.
c. Baleages are principally from Argentina, Colombia, Paraguay & Peru.
d. Figures include baleages for North Korea & Vietnam.
e. Figures include nominal baleages for Albania, Bulgaria & Yugoslavia.
f. Data are preliminary.
g. Baleages are principally from Greece & Spain.
h. Baleages are principally from Australia, Iran, Israel & Syria.
i. Burkina Faso, Ivory Coast, Mali, South Africa, Tanzania & Zimbabwe are leading producing countries.

TABLE 4:
WORLDWIDE RAW COTTON CONSUMPTION BY CONSUMING COUNTRIES
THOUSAND BALES & *PERCENT* [a]

SEASON BEGINNING	WORLD TOTAL		NORTH & SOUTH AMERICA												CHINA PRC & E. EUROPE					
			BRAZIL		MEXICO		U.S.A.		OTHER N.A.		OTHER S.A.		TOTAL		CHINA [b]		E. EUROPE [c]		TOTAL	
AUGUST 1	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	37166	100	873	2.4	339	0.9	9317	25.1	423	1.1	803	2.2	11755	31.7	4460	12.0	6222	16.7	10682	28.7
1955-1959	44222	100	1093	2.5	472	1.1	8709	19.7	426	1.0	971	2.2	11671	26.5	7220	16.3	7793	17.6	15013	33.9
1960-1964	47384	100	1264	2.7	537	1.1	8704	18.4	548	1.2	1060	2.2	12113	25.6	5869	12.4	9142	19.3	15011	31.7
1965-1969	53813	100	1271	2.3	677	1.3	8939	16.6	604	1.1	1178	2.2	12669	23.5	8541	15.9	10655	19.8	19196	35.7
1970-1974	58805	100	1624	2.8	772	1.3	7513	12.8	569	1.0	1368	2.3	11846	20.2	11094	18.9	11634	19.8	22728	38.7
1975-1979	62057	100	2289	3.8	768	1.2	6653	10.7	552	0.9	1411	2.3	11673	18.9	12418	20.0	11810	19.0	24228	39.0
1980-1984	67013	100	2628	4.3	636	0.9	5627	8.4	566	0.8	1208	1.8	10665	16.2	16118	24.1	11360	17.0	27478	41.1
1985-1989	83053	100	3535	4.2	679	0.8	7602	9.2	601	0.7	1761	2.1	14178	17.0	20195	24.3	12372	14.9	32567	39.2
1980	65281	100	2601	3.9	759	1.2	5891	9.0	579	0.9	1209	1.9	11039	16.9	15198	23.3	11713	17.9	26911	41.2
1981	65090	100	2631	3.8	708	1.1	5264	8.1	472	0.7	1083	1.7	10158	15.4	16505	25.4	11170	17.2	27675	42.6
1982	66535	100	2603	4.1	630	0.9	5513	8.3	583	0.9	1090	1.6	10419	15.8	16809	25.3	10919	16.4	27728	41.7
1983	67353	100	2553	3.9	528	0.8	5926	8.8	622	0.9	1304	1.9	10933	16.3	15899	23.6	11103	16.5	27002	40.1
1984	69392	100	2753	4.1	556	0.8	5540	8.0	575	0.8	1412	2.0	10836	15.7	16177	23.3	11896	17.1	28073	40.4
1985	76070	100	3180	4.3	634	0.8	6399	8.4	609	0.8	1533	2.0	12355	16.3	19079	25.1	12423	16.3	31502	41.4
1986	83793	100	3485	4.3	550	0.7	7452	8.9	600	0.7	1792	2.1	13879	16.7	21141	25.2	12604	15.0	33745	40.2
1987	83500	100	3727	4.6	683	0.8	7617	9.1	597	0.7	1794	2.1	14418	17.3	20230	24.2	12279	14.7	32509	38.9
1988	85352	100	3774	4.4	778	0.9	7782	9.1	595	0.7	1841	2.2	14770	17.3	20698	24.3	12440	14.6	33138	38.9
1989	86552	100	3507	4.0	751	0.9	8759	10.1	602	0.7	1844	2.1	15463	17.8	19827	22.9	12113	14.0	31940	36.9
1990 g	86377	100	3325	3.9	768	0.9	8500	9.8	576	0.7	1929	2.2	15098	17.5	20590	23.8	10712	12.4	31302	36.2
1991 g	88406	100	3400	3.9	806	0.9	8500	9.6	544	0.6	2092	2.4	15342	17.4	21628	24.5	10073	11.4	31701	35.9

SEASON BEGINNING	WEST EUROPE [d] TOTAL		ASIA & OCEANIA																AFRICA TOTAL [f]	
			INDIA		PAKISTAN		TURKEY		JAPAN		KOREA		TAIWAN		OTHER [e]		TOTAL			
AUGUST 1	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	6909	18.6	3731	10.0	334	0.9	319	0.9	2013	5.4	143	0.4	82	0.2	738	2.0	7360	19.8	460	1.2
1955-1959	7155	16.2	4407	10.0	945	2.1	503	1.1	2590	5.9	257	0.6	143	0.3	856	1.9	9701	21.9	682	1.5
1960-1964	7163	15.1	4906	10.4	1199	2.5	552	1.2	3331	7.0	296	0.6	254	0.5	1523	3.2	12061	25.4	1036	2.2
1965-1969	6512	12.1	5078	9.4	1668	3.1	732	1.4	3340	6.2	408	0.8	408	0.8	2178	4.0	13812	25.7	1624	3.0
1970-1974	5897	10.0	5414	9.2	2184	3.7	971	1.7	3471	5.9	609	1.0	643	1.1	2844	4.8	16136	27.4	2198	3.7
1975-1979	5534	8.9	5697	9.2	1987	3.2	1358	2.2	3240	5.2	1178	1.9	972	1.6	3557	5.7	17989	29.0	2633	4.2
1980-1984	5461	8.1	6410	9.6	2339	3.5	1601	2.4	3284	4.9	1564	2.3	1179	1.8	3862	5.8	20238	30.3	2876	4.3
1985-1989	6416	7.7	7911	9.5	3652	4.4	2394	2.9	3330	4.0	1969	2.4	1871	2.3	5526	6.7	26650	32.2	3244	3.9
1980	5215	8.0	6258	9.6	2119	3.2	1344	2.1	3286	5.0	1477	2.3	1052	1.6	3635	5.6	19171	29.4	2945	4.5
1981	5103	7.8	5837	9.0	2334	3.6	1429	2.2	3383	5.2	1536	2.4	1091	1.7	3712	5.7	19322	29.8	2832	4.4
1982	5470	8.2	6259	9.4	2426	3.6	1555	2.3	3291	4.9	1553	2.3	1164	1.7	3965	6.0	20213	30.2	2705	4.1
1983	5662	8.4	6580	9.8	2311	3.4	1773	2.6	3277	4.9	1617	2.4	1245	1.8	4103	6.1	20906	31.0	2850	4.2
1984	5857	8.4	7118	10.3	2503	3.6	1903	2.7	3181	4.6	1637	2.4	1341	1.9	3897	5.6	21580	31.1	3046	4.4
1985	6070	8.0	7183	9.4	2449	3.2	1938	2.5	3098	4.1	1811	2.4	1977	2.6	4508	5.9	22964	30.1	3179	4.2
1986	6771	8.1	7819	9.3	3214	3.8	2393	2.9	3430	4.1	1874	2.2	2216	2.6	5283	6.3	26229	31.2	3169	3.8
1987	6664	8.0	7843	9.4	3564	4.3	2531	3.0	3430	4.1	1994	2.4	1859	2.2	5467	6.5	26688	31.9	3221	3.9
1988	6265	7.3	8093	9.5	3968	4.6	2535	3.0	3485	4.1	2090	2.4	1753	2.1	6056	7.1	27980	32.8	3199	3.7
1989	6308	7.3	8615	10.0	5063	5.8	2571	3.0	3205	3.7	2075	2.4	1548	1.8	6314	7.3	29391	34.0	3450	4.0
1990 g	6284	7.3	9051	10.5	5775	6.7	2480	2.9	2940	3.4	2000	2.3	1419	1.6	6560	7.6	30225	35.0	3468	4.0
1991 g	6330	7.2	9323	10.5	6300	7.1	2604	2.9	2764	3.1	2040	2.3	1391	1.6	7078	8.0	31500	35.5	3533	4.0

SOURCE: International Cotton Advisory Committee, ***Cotton: World Statistics,*** Vol. 45, No. 1, October 1991.

a. As 480 pound bales.
b. Includes nominal baleages for North Korea.
c. Principally U.S.S.R.
d. Principally Italy and West Germany.
e. Hong Kong, Indonesia & Thailand are major consumers.
f. Egypt is a major consumer.
g. Data are preliminary.

TABLE 5:
SUPPLY AND DISTRIBUTION OF DOMESTIC & FOREIGN RAW COTTON IN THE U.S. FOR THE SEASONS BEGINNING AUGUST 1ST

THOUSAND RUNNING BALES [a]

SUPPLY & DISTRIBUTION	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991 [b]
SUPPLY												
BEGINNING STOCK (AUGUST 1ST)	3000	2668	6632	7937	2775	4102	9348	5026	5771	7092	3000	2200
NET IMPORTS	28	26	20	12	24	33	3	2	5	2	2	2
U.S PRODUCTION (GINNINGS) [c]	10991	15380	11963	7771	12982	13432	9731	14760	15411	12196	15499	17648
CITY CROP (EST) [d]	131	266										
TOTAL SUPPLY	**14150**	**18340**	**18615**	**15720**	**15781**	**17567**	**19082**	**19788**	**21187**	**19290**	**18501**	**19850**
DISTRIBUTION												
NET EXPORTS	5926	6567	5207	6786	6215	1960	6684	6582	6148	7694	7900	7000
U.S. CONSUMPTION	5891	5264	5513	5926	5539	6413	7452	7617	7782	8759	8600	8800
ADJUSTMENT ITEM [e]	-335	-123	-42	233	-75	-154	-80	-182	165	-163	-199	-50
ENDING STOCK (JULY 31ST)	2668	6632	7937	2775	4102	9348	5026	5771	7092	3000	2200	4100
DIVIDED AS-												
PRIVATELY OWNED	1995	NO LONGER AVAILABLE										
GOVERNMENT CONTROLLED [f]	673											
TOTAL DISTRIBUTION	**14150**	**18340**	**18615**	**15720**	**15781**	**17567**	**19082**	**19788**	**21187**	**19290**	**18501**	**19850**

SOURCES: U.S. Department of Agriculture, ***Cotton and Wool Situation and Outlook Yearbook,*** CWS-65, August 1991, and the National Cotton Council Economic Services. For earlier years' data, see page 178 of the October 1967 ***Textile Organon*** and page 158 of the October 1978 issue.

a. Adjusted to 480-pound net weight bales.
b. Data estimated except for beginning stock.
c. Total ginnings within the crop year shown. Note that U.S. production given in the world tables on pages 287 and 288 also includes city crop, etc.
d. Consists of rebaled samples and pickings from cotton damaged by fire and weather (partially estimated).
e. The Census Bureau's difference between supply and distribution resulting from baleage destroyed, cotton in transit, etc.
f. Loan and pooled cotton under CCC and earlier programs.

TABLE 6:
U.S. CALENDAR YEAR IMPORTS & EXPORTS OF RAW COTTON & COTTON PRODUCTS

THOUSAND RUNNING BALES

PRODUCTS	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
IMPORTS											
RAW COTTON [a]	28	26	20	12	24	33	3	2	5	2	2
COTTON YARN	39	48	59	85	110	112	215	275	194	216	177
MANUFACTURED GOODS [b]	1650	1956	1869	2280	2943	3282	3980	4866	4414	4906	4981
TOTAL	**1717**	**2030**	**1948**	**2377**	**3077**	**3427**	**4198**	**5143**	**4613**	**5124**	**5160**
EXPORTS											
RAW COTTON [a]	5926	6567	5207	6786	6215	1960	6684	6582	6148	7694	7900
COTTON YARN	64	45	37	39	23	35	21	28	47	33	46
MANUFACTURED GOODS [b]	1037	720	528	418	406	409	572	621	688	1010	1317
TOTAL	**7027**	**7332**	**5772**	**7243**	**6644**	**2404**	**7277**	**7231**	**6883**	**8737**	**9263**
IMPORT BALANCE											
COTTON YARN + MANUFACTURED GOODS [b]	+588	+1239	+1363	+1908	+2624	+2950	+3602	+4492	+3873	+4079	+3795

SOURCES: U.S. Census Bureau and Department of Agriculture, ***Cotton and Wool Situation and Outlook Yearbook,*** CWS-65, August 1991 and International Cotton Advisory Committee, ***Cotton: World Statistics,*** Vol. 45, No. 1, October 1991.

Raw cotton data are actual bales. Cotton yarn and manufactured goods data are the USDA raw cotton equivalents of these imports and exports.

a. Raw cotton data are for the crop year.
b. Includes thread, twine, cordage, woven & knit cloth, all types of apparel, home furnishings and other items such as industrial belts and belting, bags, braids and narrow fabrics.

TABLE 7:
U.S. COTTON ACREAGE & YIELD

SEASON BEGINNING AUGUST 1	HARVESTED	YIELD [a]	PRODUCTION
	THOUSAND ACRES	LBS	THOUSAND BALES [b]
1980	13215	404	11122
1981	13841	542	15646
1982	9734	590	11963
1983	7348	508	7771
1984	10380	600	12982
1985	10229	630	13432
1986	8468	552	9731
1987	10035	706	14760
1988	11943	619	15412
1989	9538	614	12196
1990 [c]	11732	634	15499
1991 [d]	13200	589	16200

SOURCE: International Cotton Advisory Committee, ***Cotton: World Statistics***, Vol. 45, No. 1, October 1991.

a. Per harvested acre.
b. Production for the crop year in 480-pound net weight bales, regardless of when ginned. Does not include adjustment for city crop, etc.
c. Preliminary data.
d. International Cotton Advisory Committee estimate.

TABLE 8:
WORLDWIDE RAW WOOL PRODUCTION BY THE PRINCIPAL PRODUCING COUNTRIES [a]
MILLION POUNDS, GREASY BASIS & *PERCENT*

YEAR [b]	AUSTRALIA		NEW ZEALAND		SOUTH AFRICA [c]		ARGENTINA		URUGUAY		UNITED STATES		UNITED KINGDOM		TURKEY		E. EUROPE & CHINA [d]		ALL OTHERS		WORLD TOTAL	
	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%
1950 - 54 e	1202	*27.6*	419	*9.6*	272	*6.2*	401	*9.2*	193	*4.4*	289	*6.6*	96	*2.2*	76	*1.7*	667	*15.3*	745	*17.2*	4360	*100*
1955 - 59 e	1537	*29.5*	513	*9.9*	313	*6.0*	406	*7.8*	184	*3.5*	305	*5.9*	113	*2.2*	90	*1.7*	945	*18.2*	800	*15.3*	5206	*100*
1960 - 64 e	1713	*30.2*	607	*10.7*	304	*5.4*	413	*7.3*	187	*3.3*	295	*5.2*	127	*2.2*	98	*1.7*	1132	*20.0*	796	*14.0*	5672	*100*
1965 - 69 e	1836	*30.8*	717	*12.0*	301	*5.0*	454	*7.6*	181	*3.0*	222	*3.7*	123	*2.1*	100	*1.7*	1216	*20.4*	817	*13.7*	5967	*100*
1970 - 74 e	1764	*30.5*	681	*11.8*	246	*4.3*	410	*7.1*	138	*2.4*	169	*2.9*	106	*1.8*	110	*1.9*	1339	*23.2*	813	*14.1*	5776	*100*
1975 - 79 e	1567	*26.6*	707	*12.0*	230	*3.9*	385	*6.5*	145	*2.5*	113	*1.9*	106	*1.8*	122	*2.1*	1549	*26.3*	975	*16.4*	5899	*100*
1980 - 84 e	1614	*25.2*	816	*12.7*	239	*3.7*	358	*5.6*	173	*2.7*	106	*1.7*	116	*1.8*	146	*2.3*	1792	*28.0*	1040	*16.3*	6402	*100*
1985 - 89 e	2070	*29.7*	753	*10.8*	216	*3.1*	340	*4.9*	195	*2.8*	88	*1.3*	138	*2.0*	186	*2.7*	1815	*26.1*	1156	*16.6*	6958	*100*
1980	1543	*24.6*	840	*13.4*	231	*3.7*	375	*6.0*	179	*2.8*	108	*1.7*	115	*1.8*	134	*2.1*	1735	*27.6*	1025	*16.3*	6285	*100*
1981	1581	*25.0*	800	*12.6*	242	*3.8*	370	*5.8*	168	*2.7*	112	*1.8*	112	*1.8*	137	*2.2*	1797	*28.4*	1016	*15.9*	6335	*100*
1982	1548	*24.4*	818	*12.9*	249	*3.9*	357	*5.6*	181	*2.9*	108	*1.7*	110	*1.7*	137	*2.2*	1823	*28.7*	1018	*16.0*	6349	*100*
1983	1605	*25.1*	802	*12.5*	238	*3.7*	357	*5.6*	181	*2.8*	104	*1.6*	119	*1.9*	137	*2.1*	1830	*28.6*	1031	*16.1*	6404	*100*
1984	1795	*27.0*	822	*12.4*	236	*3.6*	331	*5.0*	157	*2.4*	97	*1.5*	123	*1.9*	187	*2.8*	1777	*26.8*	1111	*16.6*	6636	*100*
1985	1830	*27.7*	789	*11.9*	223	*3.4*	335	*5.1*	192	*2.9*	88	*1.3*	128	*1.9*	187	*2.8*	1720	*26.0*	1126	*17.0*	6618	*100*
1986	1962	*29.0*	772	*11.4*	205	*3.0*	331	*4.9*	198	*2.9*	86	*1.3*	130	*1.9*	187	*2.8*	1781	*26.3*	1115	*16.5*	6767	*100*
1987	2019	*29.3*	763	*11.1*	209	*3.0*	346	*5.0*	196	*2.8*	86	*1.2*	137	*2.0*	187	*2.7*	1812	*26.3*	1141	*16.6*	6896	*100*
1988	2114	*29.8*	752	*10.6*	218	*3.1*	362	*5.1*	183	*2.6*	90	*1.3*	143	*2.0*	187	*2.6*	1872	*26.4*	1176	*16.5*	7097	*100*
1989	2425	*32.7*	690	*9.3*	225	*3.0*	328	*4.4*	207	*2.8*	90	*1.2*	154	*2.1*	181	*2.4*	1892	*25.5*	1220	*16.6*	7412	*100*
1990 f	2401	*32.6*	668	*9.1*	236	*3.2*	322	*4.4*	205	*2.8*	90	*1.2*	159	*2.2*	187	*2.5*	1858	*25.2*	1246	*16.8*	7372	*100*
1991 f	2017	*29.5*	670	*9.8*	223	*3.3*	309	*4.5*	198	*2.9*	93	*1.4*	157	*2.3*	170	*2.5*	1777	*26.0*	1231	*17.8*	6845	*100*

SOURCE: The Commonwealth Secretariat, Economic Affairs Division, ***Wool Quarterly.***

a. Apparel plus carpet class shorn wool, as well as pulled wool and wool on skins, mostly at the shorn wool equivalent.
b. Calendar years for Northern Hemisphere nations, season beginning July first or October first for Southern Hemisphere countries.
c. Excludes Lesotho and South West Africa.
d. Includes Albania, Bulgaria, China, P.R.C., Czechoslovakia, East Germany, Hungary, Outer Mongolia, Poland, Romania, U.S.S.R. and Yugoslavia.
e. Five-year averages.
f. Preliminary estimates.

TABLE 9:
SUPPLY & DEMAND OF WOOL IN THE U.S. [a]
MILLION POUNDS, SCOURED BASIS

ITEM	1989	1990
MILL CONSUMPTION OF WOOL		
APPAREL	125.5	121.9
CARPET	14.1	13.5
SUBTOTAL ABOVE [b]	**139.6**	**135.4**
CONSUMED ON THE COTTON SYSTEM [c]	13.8	10.9
TOTAL RAW WOOL	**153.4**	**146.3**
REPROCESSED & REUSED	4.5	5.1
TOTAL ABOVE	**157.9**	**151.4**
WOOL CONTENT OF IMPORTS [d]		
YARN [e]	4.1	7.5
CLOTH [f]	14.3	15.1
TOPS [g]	31.7	35.9
BOTTOMS [h]	22.4	21.3
SUITS & COATS [i]	26.0	24.8
SWEATERS	48.3	34.3
OTHER APPAREL [j]	6.3	4.7
HOME TEXTILES [k]	0.9	1.0
INDUSTRIAL [l]	2.9	3.8
TOTAL IMPORTS	**156.9**	**148.4**
WOOL CONTENT OF EXPORTS [d]		
YARN [e]	0.4	0.4
CLOTH [f]	7.2	5.7
TOPS [g]	0.3	1.0
BOTTOMS [h]	5.0	6.4
SUITS & COATS [i]	6.5	8.4
SWEATERS	1.8	2.5
OTHER APPAREL [j]	1.9	2.4
HOME TEXTILES [k]	0.7	2.2
INDUSTRIAL [l]	22.6	15.2
TOTAL EXPORTS	**46.4**	**44.2**
NET IMPORTS	**110.5**	**104.2**
TOTAL DISAPPEARANCE	**268.4**	**255.6**
SUPPLY & DEMAND OF WOOL		
CARPET WOOL CONSUMPTION	14.1	13.5
OTHER WOOL CONSUMPTION	143.8	137.9
IMPORTS	156.9	148.4
EXPORTS	46.4	44.2
TOTAL	268.4	255.6
% IMPORTS	*58%*	*58%*

SOURCE: U.S. Department of Agriculture, ***Cotton & Wool Situation and Outlook Yearbook,*** CWS-65, August 1991.

a. Calendar years.
b. Agrees with ***Fiber Organon's*** Selected U.S. Monthly Fiber Data Tables.
c. Raw wool consumed on the cotton spinning system.
d. Excludes carpets & rugs.
e. Includes thread, cordage & rope.
f. Includes broadwoven and knit fabrics.
g. Includes shirts & blouses, dresses, underwear, infantswear & playsuits.
h. Includes skirts, trousers, slacks & shorts.
i. Includes suits, suit-type coats & coats.
j. Includes handkerchiefs, gloves & mittens, hosiery and miscellaneous apparel.
k. Includes blankets, bedsheets, pillowcases, tableclothes, placemats, napkins, bathroom & kitchen toweling, bedspreads & quilts.
l. Includes narrow, industrial and miscellaneous fabrics.

FOR 1989 AND 1990, DATA ARE BASED ON A STUDY PUBLISHED BY THE U.S. DEPARTMENT OF AGRICULTURE, BASED ON THE HARMONIZED SYSTEM. THERE IS NO COMPARISON WITH PREVIOUS SERIES FOR PRIOR YEARS. DATA FOR 1978 THROUGH 1988 ARE REPORTED ON PAGE 272 OF THE DECEMBER 1990 *FIBER ORGANON* ISSUE. FOR EARLIER YEARS DATA, PLEASE SEE EARLIER DECEMBER EDITIONS.

NOVEMBER 1991 CAPACITY SURVEY ANALYSIS

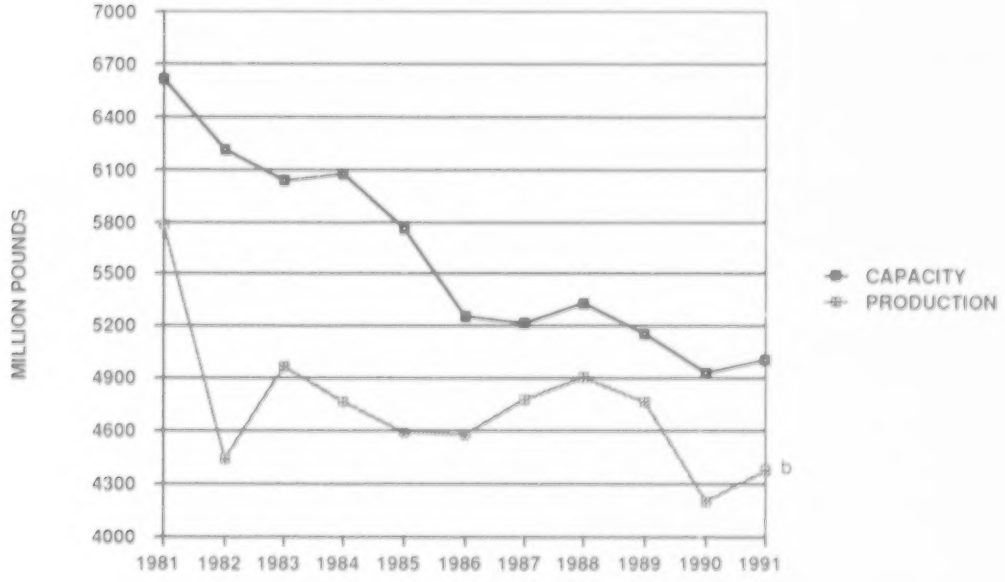
Total producing capacity for all manufactured fibers (except glass fiber) increased by 152 million pounds, or 1.5% from 1990 levels, to reach 10,507 million pounds. Most of the increase was in capacity for synthetic (noncellulosic) fiber which rose 148 million pounds to reach 9,962 million pounds, while capacity for artificial (cellulosic) fiber increased 4 million pounds to reach 545 million pounds

Since the November 1990 Survey, synthetic (noncellulosic) filament capacity increased 50 million pounds to reach 5,176 million pounds. Within this category, polyester textile capacity gained 28 million pounds, while nylon carpet capacity decreased 15 million pounds. (See Table 11)

In the same period, producing capacity for synthetic (noncellulosic) staple+tow increased 98 million pounds. The capacities for polyester staple increased 25 million pounds and olefin staple rose by 35 million pounds, while nylon staple decreased by 3 million pounds and acrylic+modacrylic staple rose by 41 million pounds or 9%.

Producing capacity and production of five major apparel fibers increased since 1990, but remain well below their 1981 levels. Since 1981, the producing capacity of apparel fiber has fallen 24% to 5,008 million pounds and production has declined 24% to 4,378 million pounds.

GRAPH 1:
APPAREL FIBER PRODUCTION VS. CAPACITY [a]



a. Data are based on textile nylon, textile polyester, polyester staple, acrylic+modacrylic and artificial (cellulosic) yarn+staple. The figures include some production and capacity for polyester staple and acrylic carpet yarn, and industrial rayon.
b. 1991 production data based on 11 months annualized.

TABLE 10:
U.S. MANUFACTURED FIBER PRODUCTION & PRODUCING CAPACITY
MILLION POUNDS

PERIOD	ARTIFICIAL (CELLULOSIC) FIBERS							SYNTHETIC (NONCELLULOSIC) FIBERS [a]			GRAND TOTAL MANUFACTURED FIBERS EXCLUDING GLASS FIBER			NON-ADD GLASS FIBER [d]
	FILAMENT YARN+MONOFIL			STAPLE+TOW										
	RAYON	ACETATE [b]	TOTAL	RAYON	ACETATE [b]	TOTAL	TOTAL	YARN +MONO	STAPLE +TOW	TOTAL	YARN +MONO [c]	STAPLE +TOW	TOTAL	
ACTUAL ANNUAL PRODUCTION														
1979	57	317	374	549	7	556	930	4155	4282	8437	4529	4838	9367	1014
1980	47	309	356	443	7	450	806	3744	4148	7892	4100	4598	8698	867
1981	48	257	305	461	4	465	770	3815	4191	8006	4120	4656	8776	1041
1982	33	195	228	355	1	356	584	3057	3403	6460	3285	3759	7044	899
1983	36	228	264	375	1	376	640	3568	3970	7538	3832	4346	8178	1169
1984	41	198	239	389	*	389	628	3525	3947	7472	3764	4336	8100	1394
1985			205 g			353 g	558	3790	3773	7563	3995	4126	8121	NA
1986			215 g			404 g	619	3836	3992	7828	4051	4396	8447	NA
1987			191 g			414 g	605	4010	4306	8316	4201	4720	8921	NA
1988			214 g			400 g	614	4180	4346	8526	4394	4746	9140	NA
1989			218 g			363 g	581	4225	4290	8515	4443	4653	9096	NA
1990			206 g			299 g	505	4194	3991	8185	4400	4290	8690	NA
ACTUAL & PROJECTED CAPACITY, ANNUAL RATE, AS OF -														
NOV 1979 e	75	355	430	671	8	679	1109	5106	4678	9784	5536	5357	10893	1305
NOV 1980 e	63	324	387	514	8	522	909	4913	4714	9627	5300	5236	10536	1473
NOV 1981 e	52	332	384	509	5	514	898	4746	4950	9696	5130	5464	10594	1561
NOV 1982 e	63	318	381	510	4	514	895	4553	4781	9334	4934	5295	10229	1718
NOV 1983 e	63	268	331	510	4	514	845	4447	4827	9274	4778	5341	10119	1618
NOV 1984 e	63	268	331	510	4	514	845	4479	4981	9460	4810	5495	10305	1743
NOV 1985 e			269 g	510	5	515	784	4668	4890	9558	4937	5405	10342	1769
NOV 1986 e			244 g			465 g	709	4545	4662	9207	4789	5127	9916	1763
NOV 1987 e			244 g			465 g	709	4557	4793	9350	4801	5258	10059	1642
NOV 1988 e			244 g			469 g	713	4743	4849	9592	4987	5318	10305	1729
NOV 1989 e			232 g			492 g	724	4918	4755	9673	5150	5247	10397	1822
NOV 1990 e			219 g			322 g	541	5126	4688	9814	5345	5010	10355	1824
NOV 1991 e			220 g			325 g	545	5176	4786	9962	5396	5111	10507	1818
MAY 1992 f			220 g			325 g	545	5218	4772	9990	5438	5097	10535	1842
NOV 1992 f			220 g			325 g	545	5278	4775	10053	5498	5100	10598	1844
MAY 1993 f			220 g			325 g	545	5311	4799	10110	5531	5124	10655	2012
NOV 1993 f			220 g			325 g	545	5339	4803	10142	5559	5128	10687	2072

NA No longer available.

a. Included are those listed in the November ***Fiber Organon*** issue, with the exception of Aramid fiber as of November 1983. Yarn+mono includes olefin film fiber and spunbonded polypropylene. Staple+tow includes fiberfill.

b. Data include diacetate and triacetate. The acetate staple+tow data do not include the large quantities for cigarette filtration.

c. Grand Total Yarn means the yarn+mono shown, excluding glass fiber.

d. Glass fiber, all types.

e. Actual producing capacity as of the date shown.

f. Future producing capacity planned for certain dates as of MAY 1992.

g. Detail withheld due to disclosure of company data.

TABLE 11:
SYNTHETIC (NONCELLULOSIC) FIBER CAPACITY DETAIL
MILLION POUNDS & *AVERAGE DENIER*

	FILAMENT YARN, MONOFIL & OLEFIN FILM FIBER											STAPLE, TOW & FIBERFILL					SYNTHETIC (NONCELLULOSIC) TOTAL
	NYLON+ARAMID				POLYESTER			OLEFIN [a]									
			TEXTILE			TEXTILE											
PERIOD	IND	CARP	LBS	DEN	IND	LBS	DEN	YARN	MONO[b]	FILM [b]	TOTAL	NYLON + ARAMID	ACRYL +MOD ACRYL	POLY-ESTER	OLEFIN + VINYON [e]	TOTAL	
NOV 1979 c	513	950	579	*51*	443	1699	*114*	172	342	408	5106	1020	839	2673	146	4678	9784
NOV 1980 c	515	910	551	*52*	400	1637	*113*	120	350	430	4913	991	830	2759	134	4714	9627
NOV 1981 c	514	893	553	*49*	316	1481	*114*	178	356	455	4746	1010	835	2839	266	4950	9696
NOV 1982 c	474	925	513	*53*	338	1265	*119*	209	369	460	4553	978	832	2700	271	4781	9334
NOV 1983 c	440	907	494	*52*	337	1170	*122*	240	375	484	4447	1017	826	2704	280	4827	9274
NOV 1984 c	437	926	470	*57*	342	1162	*121*	270	386	486	4479	1054	807	2784	336	4981	9460
NOV 1985 c	437	965	466	*53*	374	1097	*126*	304	412	613	4668	1067	631	2785	407	4890	9558
NOV 1986 c	435	964	398	*51*	401	1021	*123*	286	407	633	4545	1077	637	2491	457	4662	9207
NOV 1987 c	418	1005	404	*49*	399	929	*121*	342	393	667	4557	1137	652	2522	482	4793	9350
NOV 1988 c	421	1053	423	*49*	408	968	*121*	392	399	679	4743	1137	642	2584	486	4849	9592
NOV 1989 c	420	1168	430	*48*	420	900	*115*	491	405	684	4918	1150	641	2464	500	4755	9673
NOV 1990 c	377	1197	450	*49*	433	908	*115*	579	501	681	5126	1144	446	2578	520	4688	9814
NOV 1991 c	383	1182	437	*48*	438	936	*122*	659	464	677	5176	1141	487	2603	555	4786	9962
MAY 1992 d	383	1220	460	*48*	465	936	*122*	606	462	686	5218	1118	490	2603	561	4772	9990
NOV 1992 d	383	1220	470	*49*	466	956	*123*	631	463	689	5278	1118	493	2603	561	4775	10053
MAY 1993 d	383	1220	488	*49*	466	956	*123*	646	463	689	5311	1118	497	2603	581	4799	10110
NOV 1993 d	383	1225	488	*49*	469	956	*123*	648	481	689	5339	1118	501	2603	581	4803	10142

NOTE: As of the November 1983 survey, nylon capacity data no longer include Aramid Fiber.
IND Industrial yarn and monofil, i.e., 500 denier & coarser, with an Instron tenacity of 7 grams per denier or more.
CARP Bulked continuous filament yarn for carpets.
TEXTILE Yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

a. Includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles, film fiber used for decorative or tying ribbons, etc.
b. Includes the circular and rectangular (ribbon) cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated fiber.
c. Actual producing capacity as of date shown.
d. Future producing capacity planned for certain dates as of MAY 1992.
e. Data since November 1986 do not include Vinyon.

SURVEY COVERAGE & DEFINITIONS

The survey figures shown in the table above cover the manufactured fibers in all their primary forms; i.e., filament yarn, monofilaments, polypropylene spunbonded and film fiber are tabulated as filament yarn, while staple, tow and fiberfill are tabulated as staple. The glass fiber data cover all primary forms of that fiber (yarn and strand, staple yarn and sliver, roving and cake, chopped and milled fiber and mat) although only an aggregate figure is published to avoid disclosure of individual company data. **Glass fiber data are no longer included with the filament yarn totals. The data were last published in the December 1984 issue.** The "capacity" to produce waste is **not** included in this survey.

Capacity is based on the current and projected "mix" of deniers, filament counts, packages, etc. It is **emphasized** that all figures refer to ***current*** and ***planned*** capacity. **They are not to be interpreted as a production forecast.**

Under the survey definitions, all productive equipment which is currently, or is planned to be, in operable condition is counted as capacity, regardless of whether it is actually producing fiber at the time the capacity measurement is taken. Equipment which is definitely scheduled for scrapping, or which has been scrapped since the last survey, is excluded from the capacity tabulation. The capacity data reflect ***potential***, rather than ***operating*** capacity.

TABLE 12:
WORLDWIDE MANUFACTURED FIBER PRODUCTION & PRODUCING CAPACITY EXCEPT OLEFIN
MILLION POUNDS

MANUFACTURED FIBER PRODUCTION

YEAR	WORLD TOTAL		U.S.A.		WEST EUROPE		EAST EUROPE		JAPAN		CHINA P.R.C.		KOREA REP. OF		TAIWAN		REST OF WORLD	
	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%
1985	33993	100	6872	20	6903	20	5645	17	3948	12	2013	6	1820	5	2525	7	4267	13
1986	34803	100	7054	20	6807	20	5784	17	3694	11	2051	6	1932	6	2981	9	4500	11
1987	36522	100	7427	20	6818	19	5937	16	3618	10	2277	6	2170	6	3331	9	4944	14
1988	38092	100	7552	20	6896	18	6142	16	3621	10	2750	7	2491	7	3430	9	5210	13
1989	38978	100	7457	19	6923	18	6067	16	3646	9	3104	8	2657	7	3683	9	5441	14
1990	39054	100	6868	18	6941	18	5743	15	3750	9	3314	8	2834	7	3901	10	5703	15

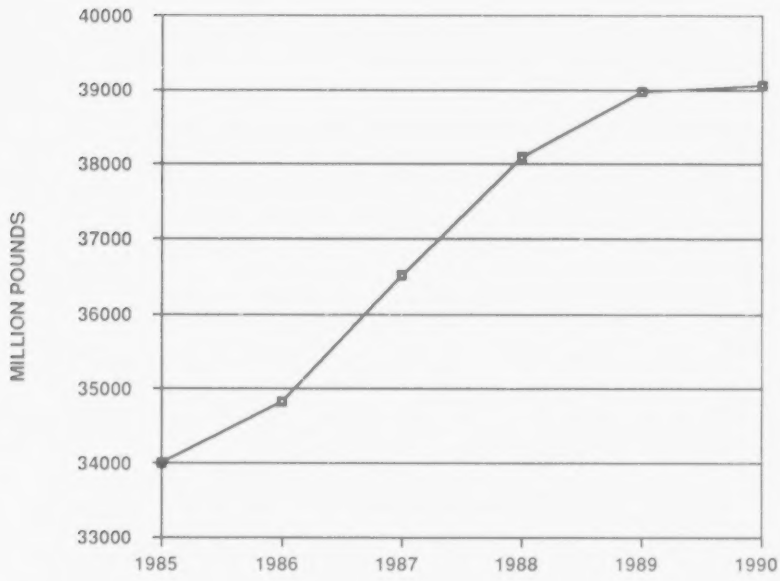
MANUFACTURED FIBER PRODUCING CAPACITY [a]

YEAR	WORLD TOTAL		U.S.A.		WEST EUROPE		EAST EUROPE		JAPAN		CHINA P.R.C.		KOREA REP. OF		TAIWAN		REST OF WORLD	
	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%	POUNDS	%
1985	41017	100	8636	21	8102	20	7132	18	4607	11	2310	6	1773	4	2622	6	5835	14
1986	42187	100	8163	19	8116	19	7147	17	4776	11	2302	6	1981	5	3380	8	6322	15
1987	42812	100	8205	19	8189	19	7365	17	4778	11	2474	6	2034	5	3177	8	6590	15
1988	44958	100	8379	19	8293	18	7494	17	4750	11	2901	6	2398	5	3669	8	7074	16
1989	47461	100	8317	18	8188	17	7650	16	4649	10	3560	8	2702	5	4158	9	8237	17
1990	48454	100	8074	17	8393	17	7829	16	4613	10	3724	8	3043	5	4400	9	8378	18
1991	50529	100	8152	16	8483	17	7898	16	4684	9	4308	9	3301	5	4807	10	8896	18

SOURCE: *Fiber Organon* Worldwide Fiber Production & Producing Capacity Survey July 1991, and this issue page 294

a. Capacity as of November of each year for the U.S.A. and as of March of each year for the other areas.

GRAPH 2:
WORLDWIDE MANUFACTURED FIBER PRODUCTION
(EXCEPT OLEFIN)



GRAPH 3:
WORLDWIDE MANUFACTURED FIBER PRODUCING CAPACITY
(EXCEPT OLEFIN)

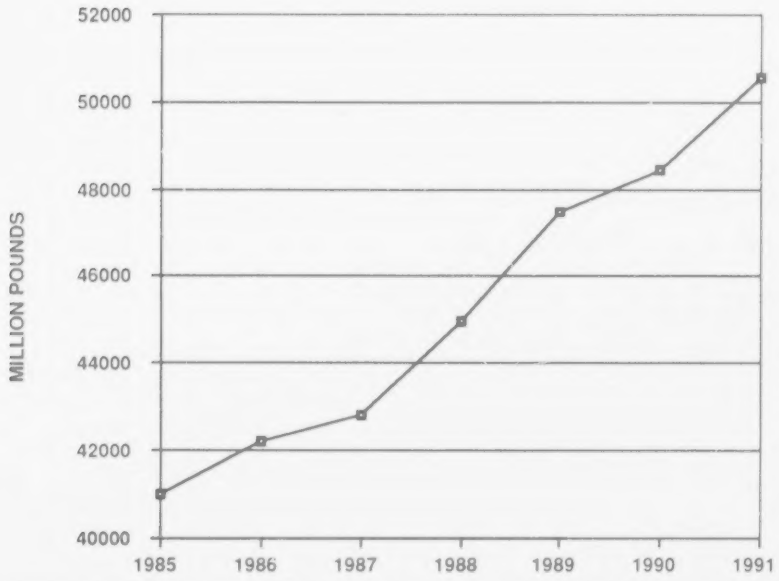


TABLE 13:
FILAMENT YARN DOMESTIC SHIPMENTS [a]

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1990				1991			
		1987	1988	1989	1990	1ST Q	2ND Q	3RD Q	4TH Q	1ST Q	2ND Q	3RD Q	4TH Q
HOSIERY [b]	N	93.2	100.3	j	j	j	j	j	j	j	j	j	
OTHER CIRCULAR KNIT [c]	N	25.3	26.4	139.1	128.1	29.8	34.7	29.8	33.8	34.1	33.9	31.8	
	P	102.8	119.5	132.4	129.8	28.0	31.6	34.0	36.2	27.1	31.2	40.7	
	C	1.1	0.6	0.5	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
FLAT KNIT	C	27.9	24.3	21.4	15.0	5.1	4.5	2.9	2.5	3.7	4.5	2.2	
	N	131.4	133.4	125.2	103.7	23.3	26.2	27.7	26.5	25.3	24.6	28.8	
	P	162.5	162.1	181.0	142.7	33.6	38.7	35.4	35.0	37.4	42.6	43.8	
CARPET FACE	N	916.0	938.3	932.3	948.7	239.6	232.1	232.6	244.4	177.4	236.6	258.1	
	O	244.5	266.6	249.9	360.4	84.7	89.5	95.5	90.7	90.4	107.4	112.2	
CARPET BACKING [d]	O	425.3	427.0	463.4	447.5	116.7	117.3	111.3	102.2	96.5	102.7	109.5	
OTHER BROAD WOVEN [e]	C	122.8	141.9	149.4	152.9	33.8	37.0	41.5	40.6	34.4	42.8	43.7	
	N	79.4	78.3	88.8	95.5	24.9	24.1	24.1	22.4	20.9	22.0	25.6	
	P	379.4	391.3	360.7	353.3	84.0	94.5	91.9	82.9	86.8	95.0	100.2	
	O	317.7	337.3	337.5	415.0	91.1	111.8	109.2	102.9	84.1	102.7	102.3	
NARROW WOVEN [f]	C	2.2	4.4	4.4	3.2	0.8	1.3	0.5	0.6	0.2	0.1	0.1	
	N	42.1	42.0	36.9	35.7	8.2	8.8	9.3	9.4	9.9	10.4	8.9	
	P	66.2	81.0	76.4	73.1	16.6	17.9	17.8	20.8	13.3	18.7	19.4	
	O	17.7	19.0	19.8	17.3	3.9	4.4	4.7	4.3	3.9	4.7	4.7	
TIRES, INCL. CHAFER [g]	N	143.0	132.2	135.7	128.2	31.0	32.8	32.4	32.0	34.5	30.5	28.5	
	P	162.8	171.8	174.9	167.2	41.2	42.9	40.4	42.7	37.4	39.7	37.8	
OTHER RUBBER INDUSTRY [c g]	N	16.4	20.4	18.1	19.1	5.0	4.6	4.3	5.2	5.1	4.7	4.8	
	P	34.5	25.2	32.7	40.7	8.4	13.0	9.4	9.9	8.4	9.9	8.9	
ROPE, CORDAGE & FISHLINE	N	37.9	36.4	34.2	39.2	9.5	9.3	9.9	10.5	8.8	9.9	8.9	
	P	13.4	12.5	14.4	15.1	4.0	3.8	3.8	3.5	3.4	2.7	3.8	
	O	106.7	120.3	125.6	120.8	28.6	30.6	25.2	36.4	26.3	26.1	22.3	
ALL OTHER [h]	C	12.8	11.4	11.6	0.8	0.2	0.3	0.2	0.1	0.2	0.1	0.1	
	N	69.6	64.7	65.0	39.3	11.2	10.6	7.7	9.8	11.1	14.2	12.6	
	P	191.8	194.0	138.2	124.3	25.9	29.5	27.2	41.7	35.3	43.9	32.7	
	O	23.6	29.6	29.8	43.9	10.8	11.8	10.6	10.7	10.8	9.4	10.3	
TOTAL ABOVE	C	166.8	182.6	187.3	172.7	40.1	43.3	45.3	44.0	38.7	47.7	46.3	
	N	1554.3	1572.4	1575.3	1537.5	382.5	383.2	377.8	394.0	327.1	386.8	408.0	
	P	1113.4	1157.4	1110.7	1046.2	241.7	271.9	259.9	272.7	249.1	283.7	287.3	
	O	1135.5	1199.8	1226.0	1404.9	335.8	365.4	356.5	347.2	312.0	353.0	361.3	
TOTAL DOMESTIC		3970.0	4112.2	4099.3	4161.3	1000.1	1063.8	1039.5	1057.9	926.9	1071.2	1102.9	
ALSO DIVIDED AS													
APPAREL		*930.2*	*941.2*	*924.7*	*846.7*	*191.6*	*216.6*	*210.8*	*227.7*	*218.0*	*240.9*	*241.5*	
HOME TEXTILES		*1838.4*	*1902.6*	*1927.2*	*2036.5*	*511.3*	*514.9*	*512.9*	*497.4*	*426.6*	*519.9*	*551.1*	
INDUSTRIAL		*1201.4*	*1268.4*	*1247.4*	*1278.1*	*297.2*	*332.3*	*315.8*	*332.8*	*282.3*	*310.4*	*310.3*	
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET) [i]													
NYLON		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
POLYESTER		626.3	649.9	597.3	560.4	123.2	144.6	140.3	152.3	146.7	164.2	167.7	
OLEFIN		26.6	24.4	26.0	28.7	7.4	8.0	6.9	6.4	6.0	7.9	NA	

(C) ARTIFICIAL (CELLULOSIC) YARN *(N) NYLON* *(P) POLYESTER* *(O) OLEFIN*

NA No longer available.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small quantities of polyester and artificial (cellulosic) yarn are included in All Other.

c. Small quantities of olefin are included in All Other.

d. Small quantities of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Artificial (cellulosic) yarn quantities included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin quantities include sliver knit backing. Also includes indirect exports.

i. These quantities are included in the Total Domestic area above.

j. Nylon quantities are included in Other Circular Knit.

TABLE 14:
STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

ITEM		ANNUAL DATA 1987	1988	1989	1990	QUARTERLY DATA 1990 1ST Q	2ND Q	3RD Q	4TH Q	1991 1ST Q	2ND Q	3RD Q	4TH Q
HOSIERY, SWEATERS & CRAFT YARNS[a]	A	192.4	183.2	174.5	139.7	41.0	32.0	32.2	34.5	30.1	38.0	32.4	
	NPR	3.5	2.7	2.1	2.4	0.6	0.5	0.6	0.7	0.6	0.4	0.7	
PILE FABRICS[b]	A	20.8	21.3	20.0	15.2	4.2	4.4	3.5	3.1	2.5	3.4	3.1	
	P	19.7	14.7	15.3	12.4	3.5	3.5	2.8	2.6	2.8	2.6	2.1	
OTHER CIRCULAR KNIT + FLAT KNIT[c]	R	3.7	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	A	185.1	139.0	132.4	109.0	32.5	33.8	25.0	16.7	24.4	25.4	26.6	
	P	453.3	470.0	519.5	485.3	123.4	129.1	117.8	115.0	109.4	123.0	121.3	
BLANKETS[b]	A	25.7	25.1	29.8	i	i	i	i	i	i	i	i	
	P	9.2	6.9	9.2	3.3	1.4	0.6	0.5	0.8	0.3	0.8	0.6	
OTHER BROAD WOVEN	R	230.7	243.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	N	38.7	35.2	32.7	26.9	6.2	8.6	7.0	5.1	j	j	j	
	A	41.7	39.3	40.5	50.7	13.4	13.7	11.6	12.0	10.9	14.1	14.2	
	P	839.2	863.5	821.8	687.4	165.7	172.8	172.0	176.9	156.3	162.4	175.3	
	O	20.2	17.1	21.6	18.3	5.2	4.4	4.9	3.8	8.6	9.6	9.8	
CARPET FACE YARNS[f]	R	+	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	N	905.1	887.7	894.9	896.8	230.2	227.9	223.4	215.3	162.2	202.0	216.4	
	P	209.0	261.2	211.6	166.5	48.0	40.1	40.4	38.0	38.2	58.8	60.5	
	O	116.2	138.2	137.7	127.4	34.2	33.7	31.4	28.1	23.9	32.2	33.2	
FIBERFILL[d]	P	348.6	357.2	349.5	376.3	90.6	91.4	93.4	100.9	96.5	107.5	113.1	
FLOCK	NP	5.5	6.9	7.5	9.6	1.9	2.6	2.2	2.9	3.3	2.7	3.1	
	R	0.9	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	
NONWOVENS[e]	R	124.4	122.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	N	1.9	2.1	2.4	2.9	0.6	0.7	0.9	0.7	j	j	j	
	P	204.2	244.1	271.5	239.9	54.4	60.0	59.8	65.7	57.1	58.0	61.8	
	O	198.0	180.9	194.8	232.5	52.2	61.8	57.6	60.9	63.1	66.8	70.4	
ALL OTHER	R	22.7	17.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	N	14.8	13.7	17.8	13.9	3.9	3.2	2.1	4.7	13.6	14.6	13.4	
	A	13.6	13.2	17.4	37.6	7.7	10.1	10.7	9.1	8.2	6.2	6.5	
	P	115.0	91.3	61.0	42.0	14.8	12.9	7.1	7.2	6.7	12.2	13.3	
	O	6.7	8.0	9.3	9.7	2.4	2.1	2.9	2.3	1.5	2.0	1.6	
TOTAL ABOVE	R	383.1	386.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	N	966.0	944.9	955.3	950.2	242.6	243.1	235.7	228.8	179.1	219.5	233.1	
	A	479.3	421.1	414.8	352.2	98.8	94.0	84.0	75.4	76.1	87.1	82.8	
	P	2201.0	2311.8	2261.3	2015.4	502.6	510.8	494.3	507.7	467.9	525.5	548.5	
	O	341.1	344.2	363.4	387.9	94.0	102.0	96.8	95.1	97.1	110.6	115.0	
TOTAL DOMESTIC		4370.5	4408.0	3994.8	3705.7	938.0	949.9	910.8	907.0	820.2	942.7	979.4	
ALSO DIVIDED AS													
APPAREL		*1479.9*	*1421.6*	*1266.8*	*1061.6*	*278.8*	*274.0*	*259.0*	*249.8*	*236.2*	*263.8*	*261.2*	
HOME TEXTILES		*1755.8*	*1827.5*	*1695.7*	*1597.4*	*414.0*	*405.2*	*392.8*	*385.4*	*315.2*	*385.4*	*408.2*	
INDUSTRIAL		*1134.8*	*1158.9*	*1032.3*	*1046.7*	*245.2*	*270.7*	*259.0*	*271.8*	*268.8*	*293.5*	*310.0*	

(R) RAYON [h] *(N) NYLON* *(A) ACRYLIC+MODACRYLIC* *(P) POLYESTER* *(O) OLEFIN [g]*

NA No longer available.

a. Olefin quantities are included in All Other.
b. Rayon and nylon quantities are included in All Other.
c. Nylon quantities are included in All Other.
d. Rayon, acrylic and nylon quantities are included in All Other.
e. Wet & dry laid and needled batts only.
f. Acrylic and nylon quantities are included in All Other.
g. Data exclude Vinyon.
h. Rayon staple+tow data no longer available in 1989-1991.
i. Acrylic quantities are included in All Other.
j. Nylon quantities are included in All Other.

TABLE 15:
U.S. MANUFACTURED FIBER IMPORTS[a]
THOUSAND POUNDS

ITEM	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1991	1990
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	311	129	212	316	231	83	77	311	298	842			2810	2098
TEXTURED	0	0	0	0	0	0	5	0	0	28			33	364
OTHER	1845	1514	1847	1999	1975	1809	1996	2300	2888	3080			21253	17079
MONOFILAMENTS & STRIPS	1	1	3	4	1	1	1	1	4	1			18	568
SUBTOTAL ABOVE	2157	1644	2062	2319	2207	1893	2079	2612	3190	3951			24114	20109
STAPLE	8891	7889	9419	5533	6391	8250	8359	7269	7549	6613			76163	86885
TOW	626	50	4	58	58	3	104	27	32	117			1079	4189
TOPS	0	0	0	0	0	0	0	0	0	7			7	7
SUBTOTAL ABOVE	9517	7939	9423	5591	6449	8253	8463	7296	7581	6737			77249	91081
WASTE	87	129	0	695	177	275	321	89	128	38			1939	427
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	1173	2391	1704	2541	1923	1751	1450	1330	940	1175			16378	12933
TEXTURED														
UP TO 450 DENIER	198	350	232	285	478	302	535	336	377	542			3635	3049
OVER 450 DENIER	1197	1786	1557	1069	3421	3870	3037	3336	2638	3597			25508	26574
POY	2103	1563	3032	1981	2240	2740	2969	2577	2270	2210			23685	7698
OTHER	834	780	821	1828	1718	1726	2312	2544	2460	3184			18207	21488
MONOFILAMENTS & STRIPS	150	72	131	131	139	51	172	111	117	107			1181	1431
SUBTOTAL ABOVE	5655	6942	7477	7835	9919	10440	10475	10234	8802	10815			88594	73173
POLYESTER														
HIGH TENACITY	785	708	651	621	671	339	340	598	563	556			5832	5166
TEXTURED	833	810	561	622	642	455	383	476	684	643			6109	8991
POY	207	172	201	246	406	300	238	240	334	183			2527	4149
OTHER	1548	1439	2102	1371	1486	1064	1490	1943	1634	2499			16576	16367
MONOFILAMENTS & STRIPS	41	31	30	68	31	73	141	58	52	12			537	533
SUBTOTAL ABOVE	3414	3160	3545	2928	3236	2231	2592	3315	3267	3893			31581	35206
OTHER SYNTHETIC FILAMENT														
TEXTURED	248	105	164	174	107	103	194	132	84	105			1416	18158
OTHER	841	804	1233	1149	1260	870	1261	1372	859	1817			11466	2914
MONOFILAMENTS & STRIPS	532	570	374	561	441	635	690	856	637	837			6133	5612
SUBTOTAL ABOVE	1621	1479	1771	1884	1808	1608	2145	2360	1580	2759			19015	26684
STAPLE														
NYLON	1879	1788	1576	2330	2039	2057	2881	2247	2973	2823			22593	30855
POLYESTER	14049	15468	11687	12879	15989	14655	14125	14868	10860	20844			145424	97187
ACRYLIC	853	804	971	1640	1303	1403	1364	1098	1438	1379			12253	14649
POLYPROPYLENE	134	305	363	271	156	464	1093	782	93	58			3719	1438
OTHER	276	229	400	211	308	204	248	285	302	339			2802	2369
TOW														
NYLON	591	386	240	543	533	325	564	567	545	524			4818	4398
POLYESTER	35	272	35	150	46	132	10	107	35	91			913	870
ACRYLIC	2869	1898	1768	2227	1957	1438	1649	2058	1108	2440			19412	17680
OTHER	16	59	0	0	10	0	0	45	0	0			130	481
TOPS	149	5	42	115	72	154	189	66	289	574			1655	1919
SUBTOTAL ABOVE	20851	21214	17082	20366	22413	20832	22123	22123	17643	29072			213719	171846
WASTE														
NYLON	2030	1483	1648	1319	1611	1555	1931	2153	1788	1982			17500	18468
POLYESTER	2217	1032	774	765	886	1091	905	1185	1164	1458			11477	21223
OTHER	309	381	625	751	499	499	632	565	716	987			5964	7143
TOTAL MANUFACTURED FIBERS ABOVE	47858	45403	44407	44453	49205	48677	51666	51932	45859	61692			491152	465360
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	49	163	98	125	189	90	185	93	119	207			1318	892
SPUN YARN	579	341	416	648	575	525	800	635	824	431			5774	4992
SPUN YARNS														
SYNTHETIC	431	843	746	610	636	663	581	487	539	528			6064	21040
ARTIFICIAL	0	0	0	0	0	0	0	0	0	0			0	0
PUT UP FOR RETAIL SALE	67	66	58	60	91	66	28	56	35	32			559	144
GRAND TOTAL ABOVE	48984	46816	45725	45896	50696	50021	53260	53203	47376	62890			504867	492428

SOURCE: U.S. Census Bureau Report IM145X

a. U.S. General Imports.

TABLE 16:
U.S. MANUFACTURED FIBER EXPORTS
THOUSAND POUNDS

ITEM	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1991	1990
ARTIFICIAL (CELLULOSIC) FIBER														
FILAMENT YARN														
HIGH TENACITY	134	284	263	22	74	82	115	207	100	20			1301	986
TEXTURED	65	44	41	198	31	159	79	208	89	20			934	988
OTHER	211	69	132	193	41	257	67	87	15	109			1181	604
MONOFILAMENTS & STRIPS	2	8	42	12	6	9	24	65	18	20			206	237
SUBTOTAL ABOVE	**412**	**405**	**478**	**425**	**152**	**507**	**285**	**567**	**222**	**169**			**3622**	**2815**
STAPLE	970	779	549	710	1403	2701	1571	1221	1159	1535			12598	13708
TOPS	0	15	3	0	53	103	159	0	116	575			1024	1205
SUBTOTAL ABOVE	**970**	**794**	**552**	**710**	**1456**	**2804**	**1730**	**1221**	**1275**	**2110**			**13622**	**14913**
WASTE	**527**	**666**	**2006**	**425**	**500**	**508**	**360**	**834**	**363**	**1190**			**7379**	**5395**
SYNTHETIC (NONCELLULOSIC) FIBERS														
FILAMENT YARN														
NYLON														
HIGH TENACITY	8070	7887	9547	9139	8564	5075	6075	4386	4333	4581			67657	101626
TEXTURED														
UP TO 450 DENIER	1068	886	1636	1558	1172	1106	770	1121	829	921			11067	9628
OVER 450 DENIER	4023	4917	3298	3021	2921	3681	4369	3046	4370	3906			37552	41824
POY	61	102	38	66	17	21	6	16	30	14			371	0
OTHER	3060	2769	3549	3394	3367	4106	2555	2955	3644	3481			32880	23900
MONOFILAMENTS & STRIPS	34	57	6	56	31	34	14	39	35	41			347	359
SUBTOTAL ABOVE	**16316**	**16618**	**18074**	**17234**	**16072**	**14023**	**13789**	**11563**	**13241**	**12944**			**149874**	**177337**
POLYESTER														
HIGH TENACITY	5640	5735	5488	5274	6132	7976	5217	3770	3367	4188			52787	43969
TEXTURED	5014	4345	7042	5020	6176	5011	4888	4724	4970	4666			51856	35757
POY	657	685	2216	2078	1814	898	747	405	1011	261			10772	14383
OTHER	2391	1711	2362	2654	2594	1376	2530	3098	3737	3657			26110	18223
MONOFILAMENTS & STRIPS	138	80	235	349	430	363	85	386	196	138			2400	1823
SUBTOTAL ABOVE	**13840**	**12556**	**17343**	**15375**	**17146**	**15624**	**13467**	**12383**	**13281**	**12910**			**143925**	**114155**
OTHER SYNTHETIC FILAMENT														
TEXTURED	603	627	620	473	637	420	398	670	578	598			5624	5421
OTHER	2963	1623	2068	2461	2088	1693	2320	1308	1063	2101			19688	22681
MONOFILAMENTS & STRIPS	1050	859	1470	1062	1138	1092	1251	1612	1371	2001			12906	10852
SUBTOTAL ABOVE	**4616**	**3109**	**4158**	**3996**	**3863**	**3205**	**3969**	**3590**	**3012**	**4700**			**38218**	**38954**
STAPLE														
NYLON	2146	2453	1337	1768	2288	2925	1806	2547	3324	2851			23445	23360
POLYESTER	6379	8388	10134	9404	10384	9044	7979	10004	11139	7313			90168	69013
ACRYLIC	2431	1826	2976	2459	2082	3630	2592	1149	1616	1429			22190	45494
POLYPROPYLENE	3302	1817	1957	3106	2742	2253	2680	3715	2708	2857			27137	23706
OTHER	1489	1074	1811	1089	1383	682	1166	709	781	773			10957	13072
TOW														
NYLON	253	150	187	122	96	141	102	159	161	159			1530	1714
POLYESTER	58	1	32	79	47	60	14	76	23	26			416	743
ACRYLIC	1511	1278	855	339	328	796	439	487	514	522			7069	18931
OTHER	14	1	402	7	3	0	0	16	28	2			473	1532
TOPS	11009	5452	6387	4995	10029	2354	7337	7718	5749	13166			74196	46003
SUBTOTAL ABOVE	**28592**	**22440**	**26078**	**23368**	**29382**	**21885**	**24115**	**26580**	**26043**	**29098**			**257581**	**243568**
WASTE														
NYLON	2788	2965	3563	2700	1549	3207	2195	2134	2078	2456			25635	34578
POLYESTER	2989	5530	5263	2796	2684	1716	3340	2878	4935	3422			35553	26340
OTHER	6305	6811	7387	7147	6759	8674	4910	6273	5599	6427			66292	53221
TOTAL MANUFACTURED FIBERS ABOVE	**77355**	**71894**	**84902**	**74176**	**79563**	**72153**	**68160**	**68023**	**70049**	**75426**			**741701**	**711276**
OTHER MFRD. FIBER YARN & THREAD														
SEWING THREAD														
FILAMENT	827	890	850	1560	761	905	845	1371	977	712			9698	428
SPUN YARN	159	277	174	178	275	156	272	1781	237	240			3749	0
SPUN YARNS														
SYNTHETIC	891	1256	1434	1865	1403	1521	1641	1266	1264	1703			14244	42444
ARTIFICIAL	123	145	216	264	285	468	347	517	512	559			3436	0
PUT UP FOR RETAIL SALE	1488	1488	2601	2873	2730	3077	2946	4189	4482	2245			28119	8105
GRAND TOTAL ABOVE	**80843**	**75950**	**90177**	**80916**	**85017**	**78280**	**74211**	**77147**	**77521**	**80885**			**800947**	**762253**

SOURCE: U.S. Census Bureau Report EM522

TABLE 17:
SELECTED U.S. MANUFACTURED FIBER IMPORTS BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1991												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1991	1990
ARTIFICIAL (CELLULOSIC) YARN, MONOFIL & STRIPS														
AUSTRIA	123	0	38	114	80	117	151	74	69	56			822	587
BELGIUM	3	21	4	41	6	9	19	111	281	288			783	20
BRAZIL	109	164	28	109	27	27	23	28	18	0			533	785
CANADA	775	408	877	1147	905	740	633	730	1165	1486			8866	4649
CHILE	44	22	44	0	44	66	110	88	110	154			682	1015
WEST GERMANY	478	633	531	493	686	421	448	810	809	1069			6378	6554
JAPAN	111	134	114	119	142	108	177	82	287	179			1453	1009
MEXICO	150	39	118	41	79	64	136	205	109	227			1168	1032
NETHERLANDS	263	188	279	218	129	277	191	196	110	197			2048	3054
UNITED KINGDOM	86	0	0	35	109	38	183	262	230	291			1234	351
ALL OTHER COUNTRIES [a]	15	35	29	2	0	26	8	26	2	4			147	1053
TOTAL ARTIFICIAL YARN	2157	1644	2062	2319	2207	1893	2079	2612	3190	3951			24114	20109
ARTIFICIAL (CELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	1339	1371	1214	396	1672	1470	1377	2002	2981	1404			15226	12779
CANADA	3228	2840	3042	1843	1824	3870	3587	4086	3382	3760			31462	41132
CHINA, PRC	321	0	251	211	760	0	0	149	0	0			1692	351
FINLAND	309	197	371	143	167	459	491	391	379	368			3275	5085
WEST GERMANY	515	46	0	0	0	0	262	81	0	7			911	4032
JAPAN	84	227	95	95	95	109	62	79	40	30			916	1545
TAIWAN	1336	1268	1186	1721	1148	1773	813	176	416	308			10145	12832
THAILAND	763	1317	232	296	513	231	220	0	0	268			3840	2378
UNITED KINGDOM	815	438	473	128	70	21	332	128	236	202			2843	4168
YUGOSLAVIA	584	29	2559	636	81	239	729	84	39	166			5146	1457
ALL OTHER COUNTRIES [b]	223	206	0	122	119	81	590	120	108	224			1793	5322
TOTAL ARTIFICIAL STAPLE+TOW	9517	7939	9423	5591	6449	8253	8463	7296	7581	6737			77249	91081
SYNTHETIC (NONCELLULOSIC) YARN, MONOFIL & STRIPS														
BELGIUM	239	40	100	143	33	57	33	19	0	0			664	5758
BRAZIL	0	0	0	48	0	35	0	0	0	1			84	675
CANADA	2668	3903	3431	4073	5854	4970	5217	5412	4778	5961			46267	40352
COSTA RICA	725	454	473	544	669	469	512	665	577	611			5699	5152
ECUADOR	0	34	34	15	0	0	0	0	0	0			83	482
FRANCE	627	705	668	841	962	1212	450	900	510	911			7786	10198
WEST GERMANY	1556	1449	1843	1576	1857	2178	2093	2337	1589	1742			18220	19351
IRELAND	147	215	119	34	193	285	129	239	266	683			2310	437
ISRAEL	50	179	110	74	146	136	223	176	294	242			1630	0
ITALY	106	109	29	38	75	73	116	107	47	124			824	5353
JAPAN	853	903	1401	1266	1190	894	1522	1605	932	1671			12237	5611
KOREA, REP. OF	117	59	149	5	146	45	119	139	66	145			990	487
MEXICO	1414	1663	1343	1620	1438	1066	1028	996	1384	1763			13715	15643
NETHERLANDS	223	258	329	284	305	416	359	367	287	833			3661	2732
TAIWAN	89	91	45	132	184	184	122	132	166	69			1214	5044
THAILAND	61	67	65	95	129	63	81	66	74	110			811	766
UNITED KINGDOM	1740	1370	2596	1637	1678	1695	2578	2287	2275	2264			20120	14888
ALL OTHER COUNTRIES [c]	75	82	58	222	104	501	630	462	404	337			2875	1834
TOTAL SYNTHETIC YARN	10690	11581	12793	12647	14963	14279	15212	15909	13649	17467			139190	134763
SYNTHETIC (NONCELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	15	25	0	12	1	3	0	1	12	4			73	362
AUSTRALIA	75	143	0	81	60	8	47	0	45	38			497	799
BRAZIL	0	110	199	87	86	0	123	52	0	0			657	2774
CANADA	1378	1146	968	1942	2184	2466	2427	1699	2993	5142			22345	23074
FRANCE	544	417	282	421	382	323	471	417	435	329			4021	4493
WEST GERMANY	1136	1400	1732	1931	1558	1881	1902	2022	1794	2050			17406	11531
INDIA	3008	3879	264	0	1186	646	152	144	333	290			9902	13733
IRELAND	0	0	0	0	357	328	660	208	366	310			2229	469
ITALY	176	47	80	53	203	11	48	175	28	196			1017	2189
JAPAN	2386	2197	2080	1840	2110	2337	2270	2143	2080	2541			21984	19409
KOREA, REP. OF	4958	6473	6864	5486	7279	6700	6126	6620	3456	7998			61960	36410
MALAYSIA	0	95	0	48	48	44	44	44	0	0			323	184
MEXICO	1957	1575	1576	2743	2130	1364	2809	2304	971	2252			19681	20911
SPAIN	14	22	0	20	29	7	154	82	37	61			426	288
SWITZERLAND	117	285	152	127	183	363	364	370	372	465			2798	1968
TAIWAN	3102	1918	1891	3664	3181	2923	2864	4005	3625	5170			32343	12955
TURKEY	0	0	2	111	0	151	65	37	0	73			439	704
UNITED KINGDOM	1848	1395	963	1630	1359	1064	1017	1406	956	1821			13459	17430
ALL OTHER COUNTRIES [d]	137	87	29	170	77	213	580	394	140	332			2159	2163
TOTAL SYNTHETIC STAPLE+TOW	20851	21214	17082	20366	22413	20832	22123	22123	17643	29072			213719	171846

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TABLE 18:
SELECTED U.S. MONTHLY FIBER DATA

MILLION POUNDS

ITEM	1991 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE [a] 1991	1990
MANUFACTURED FIBER TOTAL SHIPMENTS [b,c]														
ARTIFICIAL (CELLULOSIC)														
YARN	14.8	16.4	16.2	20.3	18.0	17.7	19.0	17.4	17.7	19.4	16.0		192.9	188.9
RAYON STAPLE	20.4	16.2	22.1	21.4	25.7	22.7	24.1	24.7	22.1	23.2	20.7		243.3	283.5
TOTAL ARTIFICIAL (CELLULOSIC)	35.2	32.6	38.3	41.7	43.7	40.4	43.1	42.1	39.8	42.6	36.7		436.2	472.4
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	29.2	28.1	26.5	27.9	28.6	24.4	22.8	25.5	26.3	27.9	23.6		290.8	314.9
- CARPET	69.4	54.5	63.8	80.3	85.8	80.4	85.6	92.0	90.9	91.0	70.8		864.5	902.0
- TEXTILE	34.2	30.0	28.8	32.9	33.0	28.7	31.7	32.8	32.6	36.2	31.3		352.2	339.2
POLYESTER - INDUSTRIAL[d]	25.0	27.0	26.5	29.1	29.0	29.1	26.6	28.9	26.9	32.4	28.3		308.8	329.1
- TEXTILE[f]	67.9	61.5	64.4	75.9	74.4	68.5	75.9	74.3	72.5	82.9	71.6		789.8	697.3
OLEFIN[e]	103.4	104.4	109.4	119.2	121.1	121.1	114.9	125.0	126.6	126.4	118.7		1290.2	1318.2
TOTAL YARN	329.1	305.5	319.4	365.3	371.9	352.2	357.5	378.5	375.8	396.8	344.3		3896.3	3900.7
STAPLE+TOW+FIBERFILL														
NYLON	66.8	54.7	64.1	78.1	77.8	70.7	76.2	84.1	79.9	81.5	62.5		796.4	911.1
ACRYLIC+MODACRYLIC	36.5	34.8	35.5	34.2	37.5	42.0	33.1	40.0	37.0	45.0	36.5		412.1	455.6
POLYESTER	168.6	159.6	166.1	191.7	191.3	171.6	185.3	197.0	190.5	227.0	189.4		2038.1	1944.1
OLEFIN	34.7	30.9	34.6	38.5	40.7	37.5	38.1	44.0	38.5	44.5	41.9		423.9	379.6
TOTAL STAPLE	306.6	280.0	300.3	342.5	347.3	321.8	332.7	365.1	345.9	398.0	330.3		3670.5	3690.4
TOTAL SYNTHETIC (NONCELLULOSIC)	635.7	585.5	619.7	707.8	719.2	674.0	690.2	743.6	721.7	794.8	674.6		7566.8	7591.1
TOTAL MANUFACTURED FIBER	670.9	618.1	658.0	749.5	762.9	714.4	733.3	785.7	761.5	837.4	711.3		8003.0	8063.5
MANUFACTURED FIBER END-OF-MONTH STOCK														
ARTIFICIAL (CELLULOSIC)														
YARN	10.2	9.6	10.0	9.6	9.4	9.4	9.6	9.4	9.8	9.9	10.3		10.3	8.6
RAYON STAPLE	22.4	27.3	26.0	26.6	23.9	24.9	25.9	24.8	23.7	23.2	24.9		24.9	10.7
TOTAL ARTIFICIAL (CELLULOSIC)	32.6	36.9	36.0	36.2	33.3	34.3	35.5	34.2	33.5	33.1	35.2		35.2	19.3
SYNTHETIC (NONCELLULOSIC)														
YARN+MONOFILAMENTS														
NYLON - INDUSTRIAL[d]	25.0	23.9	24.7	26.9	26.1	28.2	30.8	29.7	31.0	31.6	29.6		29.6	25.1
- CARPET	72.0	80.6	77.6	66.3	58.5	58.4	59.9	52.1	47.1	50.3	64.3		64.3	83.5
- TEXTILE[f]	46.2	46.2	45.1	45.6	47.3	48.9	50.4	49.5	48.9	45.7	44.3		44.3	47.7
POLYESTER - INDUSTRIAL[d]	41.0	43.0	41.8	44.6	42.5	40.6	39.3	38.1	37.9	35.8	34.6		34.6	36.4
- TEXTILE[f]	86.4	93.4	93.9	90.5	90.7	91.7	92.2	86.1	89.3	83.6	82.1		82.1	89.7
OLEFIN[e]	61.5	59.7	61.1	59.8	56.4	53.3	53.4	53.7	57.9	59.9	61.9		61.9	57.1
TOTAL YARN	332.1	346.8	344.2	333.7	321.5	321.1	326.0	309.2	312.1	306.9	316.8		316.8	339.5
STAPLE+TOW+FIBERFILL														
NYLON	71.0	81.6	79.7	68.2	61.2	59.5	61.9	57.3	56.5	56.3	69.1		69.1	57.2
ACRYLIC+MODACRYLIC	73.4	72.4	67.9	72.1	74.9	70.6	78.0	79.3	80.3	77.7	78.0		78.0	80.2
POLYESTER	192.7	189.5	192.0	185.8	170.5	162.0	174.9	164.7	157.9	148.6	143.5		143.5	166.1
OLEFIN	29.8	30.0	31.5	33.3	30.1	30.1	30.2	26.0	26.5	26.5	28.9		28.9	28.3
TOTAL STAPLE	366.9	373.5	371.1	359.4	336.7	322.2	345.0	327.3	321.2	309.1	319.5		319.5	331.8
TOTAL SYNTHETIC (NONCELLULOSIC)	699.0	720.3	715.3	693.1	658.2	643.3	671.0	636.5	633.3	616.0	636.3		636.3	671.3
TOTAL MANUFACTURED FIBER	731.6	757.2	751.3	729.3	691.5	677.6	706.5	670.7	666.8	649.1	671.5		671.5	690.6

	COTTON & WOOL CONSUMPTION [g] 1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER	YEAR TO DATE 1991	1990
RAW COTTON	1032.9	1109.5	1099.3		3241.7	3098.4
APPAREL CLASS WOOL	35.5	40.6	37.5		113.6	92.0
CARPET CLASS WOOL	3.1	3.1	4.6		10.8	10.5
TOTAL RAW WOOL	38.6	43.7	42.1		124.4	102.5

a. "Year to date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic shipments plus export shipments.
d. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
e. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
f. Includes low denier industrial yarn.
g. **Cotton and Wool data for 1991 available on a quarterly basis only.**

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The names of U.S. fiber manufacturers, together with the products made, are listed on pages 259-267. The corresponding list of world producers is on pages 129-158. Monthly U.S. fiber shipments and stock data, appearing in the table "Selected U.S. Monthly Fiber Data," are usually found on the last page of each ***Fiber Organon*** issue. In the following index this appears under the heading "Monthly Data".

Each issue of the ***Fiber Organon*** contains one or more principal topics. The following is a brief outline of the major subjects covered in the 1991 issues. The numbers in parentheses are the pages of each month's issue.

JANUARY	Special Feature: "Capacity Utilization Review" (1-20)
FEBRUARY	Special Features: "Raw Fiber Equivalent Imports, Exports & Balance"; "1990 Import/Export Review" (21-44)
MARCH	Special Feature: "1990: A Year in Perspective" (45-64)
APRIL	Special Feature: "Other Imports for Consumption" (65-80)
MAY	Special Feature: "1990 Per Capita Consumption Review" (81-108)
JUNE	**"Worldwide Manufactured Fiber Survey:** Directory of Worldwide Manufactured Fiber Producers" (109-164)
JULY	Special Feature: "Worldwide Manufactured Fiber Data in Pounds" (165-188)
AUGUST	Special Feature: "Raw Fiber Equivalent Imports, Exports & Balance" (189-216)
SEPTEMBER	**"Annual U.S. End Use Survey"** (217-236)
OCTOBER	Special Features: "Worldwide Spinning Machinery in Place"; "U.S. Import/Export Review" (237-256)
NOVEMBER	Special Features: **"1991 Directory of American Fiber Manufacturers"**; "U.S. Balance of Trade in Apparel" (257-284)
DECEMBER	Special Features: "Worldwide Natural Fiber Survey"; "November 1991 Capacity Survey Analysis" (285-308)

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Mill Consumption - 17, 49, 55, 69, 86, 217, 246
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